

Converting Colors

Yxy(56.6813, 0.3628, 0.4011)

Have a look what the booklet for
Yxy(56.6813, 0.3628, 0.4011)
contains.

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Color

Yxy(56.4970, 0.3628, 0.4004)

Conversions

Conversions Part 1

Format	Color
Hex	CFC88D
RGB	207, 200, 141
RGB Percent	81%, 78%, 55%
CMY	0.1883, 0.2156, 0.4470
CMYK	0.00, 0.03, 0.32, 0.19
HSL	54°, 41%, 68%
HSV	54°, 32%, 81%
XYZ	51.1916, 56.4970, 33.4128
YIQ	195.3670, 23.1110, -16.8650

Conversions

Conversions Part 2

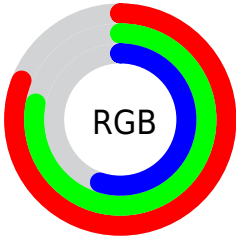
Format	Color
R _Y B	149, 207, 141
Decimal	13617293
CIE Lab	79.90, -6.54, 30.44
CIE LCh	80, 31.131, 102.119
Yxy	56.4970, 0.3628, 0.4004
Android (android.graphics.Color)	4291807373 (0xFFCFC88D)
YUV	195.3670, -26.8029, 10.2021
Hunter-Lab	75.1645, -9.9685, 26.2590

Details

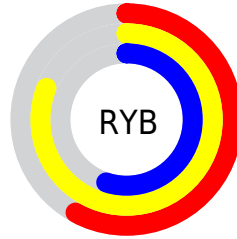
The Yxy color **56.4970, 0.3628, 0.4004** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **31.3460, 0.2575, 0.2458**, and the grayscale version is **54.9571, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.7201, 0.3484, 0.3880**, and **27.9714, 0.3754, 0.4188** is the 20% darker color. If you saturate the color by 10%, you get **54.9333, 0.3789, 0.4222**, and if you desaturate by 10%, it is **58.1954, 0.3466, 0.3778**.

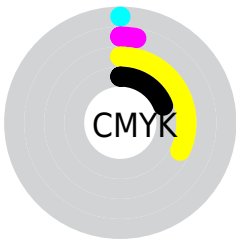
Distribution



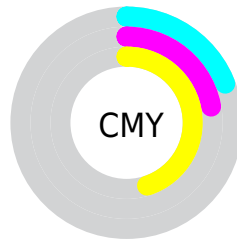
- Red (81%)
- Green (78%)
- Blue (55%)



- Red (58%)
- Yellow (81%)
- Blue (55%)



- Cyan (0%)
- Magenta (3%)
- Yellow (32%)
- Black (19%)





- Cyan (19%)
- Magenta (22%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.4970, 0.3628, 0.4004 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 56.4970, 0.3628, 0.4004 by changing the saturation by 10% instead.

 56.4970, 0.3628,
0.4004

 56.4970, 0.3628,
0.4004


411.5618, 0.3391,
0.3657


 40.6015, 0.3682,
0.4087


 99.7309, 0.3546,
0.3881

 28.0079, 0.3748,
0.4190


 127.8381, 0.3514,
0.3834

 18.3316, 0.3831,
0.4322


 160.7846, 0.3486,
0.3793

 11.1883, 0.3935,
0.4497

198.9550, 0.3462,
0.3759

 6.1936, 0.4067,
0.4732

242.7335, 0.3441,
0.3728

 2.9632, 0.4335,
0.5191

292.5045, 0.3423,

 1.1125, 0.4423,

0.3702

0.5577

348.6525, 0.3406,
0.3678

0.0000, 0.0000,
0.0000

56.4970, 0.3628,
0.4004

56.4970, 0.3628,
0.4004

54.9333, 0.3789,
0.4222

58.1954, 0.3466,
0.3778

53.4903, 0.3942,
0.4423

60.0270, 0.3307,
0.3551

52.1633, 0.4080,
0.4597

61.9998, 0.3155,
0.3330


50.9444, 0.4199,
0.4734


64.1190, 0.3012,
0.3120


49.8245, 0.4292,
0.4829

66.3896, 0.2880,
0.2922


 48.7927, 0.4357,
0.4879

 68.1413, 0.2818,
0.2840

 48.0032, 0.4393,
0.4894

 69.2505, 0.2819,
0.2864

 70.3747, 0.2820,
0.2888

 71.5138, 0.2822,
0.2912

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



56.4970, 0.3885, 0.3817



56.4970, 0.3628, 0.4004



56.4970, 0.3245, 0.3989

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



56.4970, 0.3628, 0.4004



56.4970, 0.2384, 0.2980



56.4970, 0.3382, 0.2891

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



56.4970, 0.3628, 0.4004



31.3460, 0.2575, 0.2458

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



56.4970, 0.2967, 0.2693



56.4970, 0.3628, 0.4004



56.4970, 0.2413, 0.2724

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



56.4970, 0.3628, 0.4004



56.4970, 0.2537, 0.3357



56.4970, 0.2619, 0.2629



56.4970, 0.3745, 0.3184

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



56.4970, 0.3628, 0.4004



56.4970, 0.2974, 0.3848



56.4970, 0.2619, 0.2629



56.4970, 0.3243, 0.2812

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



56.4996, 0.3628, 0.4004



96.7571, 0.3280, 0.3512



34.4791, 0.3766, 0.3194



20.6165, 0.3302, 0.3544



0.0000, 0.0000, 0.0000



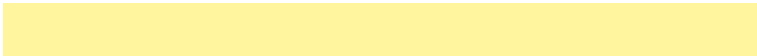
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



56.4996, 0.3628, 0.4004



88.8892, 0.3734, 0.4149



56.4494, 0.3396, 0.4137



13.5751, 0.3269, 0.3496



30.3328, 0.4390, 0.4896



1.7587, 0.4350, 0.4928

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



31.3460, 0.2575, 0.2458



42.6318, 0.2443, 0.2252



31.6995, 0.2782, 0.2411



11.6160, 0.2982, 0.3075



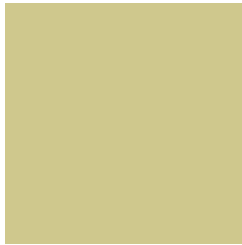
3.2643, 0.1522, 0.0680



0.2523, 0.1584, 0.0901

Previews

White Background



This preview shows how the Yxy color 56.4970, 0.3628, 0.4004 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 56.4970, 0.3628, 0.4004 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

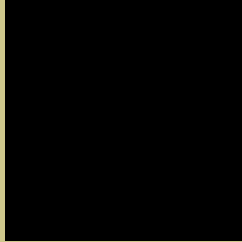
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.4970, 0.3628, 0.4004

Background



This preview shows how black text looks on a background with the Yxy color 56.4970, 0.3628, 0.4004.



This preview shows how white text looks on a background with the Yxy color 56.4970, 0.3628, 0.4004.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

56.4970, 0.3628, 0.4004

Protanopia

56.5778, 0.3703, 0.3979

Deuteranopia

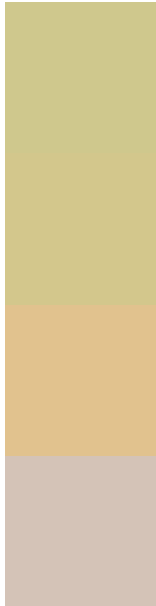
56.4722, 0.3895, 0.3817



Tritanopia

56.6513, 0.3200, 0.3118

Trichromacy



Original Color

56.4970, 0.3628, 0.4004

Protanomaly

56.5892, 0.3674, 0.3996

Deuteranomaly

56.5441, 0.3799, 0.3890

Tritanomaly

56.4462, 0.3358, 0.3433

Monochromacy



Original Color

56.4970, 0.3628, 0.4004

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

55.1698, 0.3308, 0.3561

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.4970, 0.3628, 0.4004 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(207, 200, 141)` looks like.

```
.text, #text, p{  
    color:rgb(207, 200, 141)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(207, 200, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 200, 141) }
```

Border

The CSS property to change the border of an element to Yxy 56.4970, 0.3628, 0.4004 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 200, 141) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(207, 200, 141) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(207, 200, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 200, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 200, 141);  
box-shadow:4px 4px 4px 4px rgb(207, 200,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 56.4970, 0.3628, 0.4004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 200, 141) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(207,  
200, 141) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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